

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/766353	US-PGPUB; USPAT	OR	OFF	2007/08/02 15:53
S127	278563	photodetector or (optical light) near2 sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/19 14:50
S128	149125	photodetector or (optical light) near2 sensor and array	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/19 14:52
S129	125445	photodetector or (optical light) near2 sensor and array and substrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/19 14:52
S130	47	348/281.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/19 15:06
S131	22477	phototransistor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/19 15:12
S132	1215	photosensitive near3 transistor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/19 15:12
S133	152	photosensitive near3 transistor and sensor same array	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/19 15:13

S134	5	("4112316"   "4363035"   "4486778"   "4587562"). PN. OR ("4656361"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/19 15:15
S135	13	("3721839"   "4377817"   "4524391"   "4525742"). PN. OR ("4587562"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/19 15:17
S136	19	("4317127"   "4322753"   "4453184"   "4454526"). PN. OR ("4524391"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/19 15:19
S137	107	178/19.05.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/19 15:21
S138	539	phototransistor near5 array	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/19 15:26
S139	868	phototransistor\$2 near5 array	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/19 15:26
S140	284	phototransistor\$2 near5 array and substrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/19 15:26
S141	8	("3470318").URPN.	USPAT	OR	OFF	2009/06/19 15:28
S142	13	("3465293"   "3470318"   "3562418").PN. OR ("3909520").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/19 15:29
S143	4	("3011089"   "3439214"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/19 15:35
S144	3	("3675025").URPN.	USPAT	OR	OFF	2009/06/19 15:35

S145	25	("3624428"   "3675025"   "3937965"   "4064440"   "4075492"   "4153839"   "4160167"   "4181856"   "4366382"   "4426721"   "4430568"   "4484340"   "4504962"   "4535243"   "4542519"   "4543490"   "4583240"   "4665283"   "4678938"   "4952996"   "4962412"   "4967067"   "Re32164").PN. OR ("5028788").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/19 15:36
S146	13	("3465293"   "3470318"   "3562418").PN. OR ("3909520").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 14:55
S147	26	("3465293").URPN.	USPAT	OR	OFF	2009/06/30 15:03
S148	11	("3427461"   "3465293"   "3648051"   "4644178"   "4808822").PN. OR ("5331145").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 15:15
S149	14	("2420716"   "3202933"   "3329946"   "3465293"   "3506837"   "3538457"). PN. OR ("3822381"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 15:19
S150	25	("3039013"   "3378688"   "3397325"   "3400272"). PN. OR ("3562418"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 15:21
S151	13	("3465293"   "3470318"   "3562418").PN. OR ("3909520").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 15:24
S152	46	("3562418"   "3668408"   "3676590"   "3801949"   "4298887"   "4459488"   "4472239"   "4633314"   "4654816").PN. OR ("4752694").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 15:24
S153	11	("3082327"   "3432670"   "3538389"   "3605061"). PN. OR ("3668408"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 15:26
S154	33	("3626188"   "4122344"   "4362938"   "4443701"   "4450479"   "4752694"   "4754139"   "4948963"   "5010251"   "5070246"   "5286976"   "5293041"   "5300915").PN. OR ("5446284").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 15:28

S155	16022	phototransistor	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 15:35
S156	1249	phototransistor same (array matrix)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 15:35
S157	1177	phototransistors same (array matrix)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 15:36
S158	7	("3011089"   "3439214"). PN. OR ("3675025"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 15:56
S159	25	("3624428"   "3675025"   "3937965"   "4064440"   "4075492"   "4153839"   "4160167"   "4181856"   "4366382"   "4426721"   "4430568"   "4484340"   "4504962"   "4535243"   "4542519"   "4543490"   "4583240"   "4665283"   "4678938"   "4952996"   "4962412"   "4967067"   "Re32164").PN. OR ("5028788").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/30 15:56
S160	7	("3011089"   "3439214"). PN. OR ("3675025"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/06 10:03
S161	6492	phototransistor	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/06 10:04
S162	351	phototransistor and (array matrix)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/06 10:04
S163	2	"4081793".pn.	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/06 10:52
S164	1	"4081793".pn.	USPAT	OR	OFF	2009/07/06 10:52
S165	7	("3735151"   "3797894"   "3798559"   "3872329"   "3911268"   "4004158"). PN. OR ("4081793"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/06 11:16
S166	2388	327/514-515.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/06 11:53

S167	357	327/515.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/06 11:54
S168	12	("3453507").URPN.	USPAT	OR	OFF	2009/07/06 15:12
S169	215	257/258.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/06 15:15
S170	1221	257/291.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/07 11:34
S171	296	laser near3 pointer same (track\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/07 11:40
S172	5	("7134080").PN. OR ("7310085").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/07 11:50
S173	26820	light near3 (spot point) same detect\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/07 11:53
S174	3446	light near3 (spot point) same detect\$4 and array same sensor\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/07 11:53
S175	164	light near3 (spot point) same detect\$4 and array same sensor\$2 and (column row) near3 (signal\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/07 11:54
S176	20	("4382187"   "4573077"   "4597012"   "4829382"   "4870266"   "4879470"   "5144447"   "5162912"   "5184006"   "5210434"   "5262870"   "5262871"   "5288988"   "5436662"   "5615399"   "RE34309"). PN. OR ("6980243"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/07 12:09
S177	14	(light optical) near3 sensor same row near3 output and column near3 output	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/07 12:16

S178	47	("3256516"   "3440638"   "3559182"   "3599221"   "3846826"   "3960380"   "4164081"   "4209832"   "4395045"   "4533144"   "4619616"   "4844476"   "4948371"   "5194008"   "5215464"   "5248150"   "5310192"   "5366229"   "5437463"   "5793361"   "5823779"   "5838308"   "H000538").PN. OR ("6012980").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/07 12:37
S179	3303	(light optical image) near3 sensor and pixel same (two multiple) near3 sensor\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/07 12:38
S180	165	(light optical image) near3 sensor and pixel same (two multiple) near3 sensor\$2 same row same column	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/07 12:38
S181	148	(light optical image) near3 sensor near3 (arrays) and row near3 array and column near3 array	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/10 14:14
S182	171	(light optical image) near3 sensor same layer \$2 same row same column	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/10 15:14
S183	45	(light optical image) near3 sensor same layers same row same column	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/10 15:15
S184	2	"6012980".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/14 14:10
S185	47	("3256516"   "3440638"   "3559182"   "3599221"   "3846826"   "3960380"   "4164081"   "4209832"   "4395045"   "4533144"   "4619616"   "4844476"   "4948371"   "5194008"   "5215464"   "5248150"   "5310192"   "5366229"   "5437463"   "5793361"   "5823779"   "5838308"   "H000538").PN. OR ("6012980").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 14:18
S186	1	("20040016923").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/14 14:32

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